

PHILIPS
AC6609



User manual



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1 Important

Safety

Read this user manual carefully before you use the appliance, and save it for future reference.

Danger

- Do not let water or any other liquid or flammable detergent enter the appliance to avoid electric shock and/or a fire hazard.
- Do not clean the appliance with water, any other liquid, or a (flammable) detergent to avoid electric shock and/or a fire hazard.
- Do not spray any flammable materials such as insecticides or fragrance around the appliance.

Warning

- Check if the voltage indicated on the appliance corresponds to the local power voltage before you connect the appliance.

- If the power cord is damaged, you must have it replaced by Philips, a service center authorized by Philips, or similarly qualified persons in order to avoid a hazard.
- Do not use the appliance if the plug, the power cord, or the appliance itself is damaged.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Child shall not play with the appliance. Cleaning and maintenance shall not be made by children without supervision.
- Do not block the air inlet and outlet, e.g. by placing items on the air outlet or in front of the air inlet.
- Make sure that foreign objects do not fall into the appliance through the air outlet.

Caution

- This appliance is not a substitute for proper ventilation, regular vacuum cleaning, or use of an extractor hood or fan while cooking.
- If the power socket used to power the appliance has poor connections, the plug of the appliance becomes hot. Make sure that you plug the appliance into a properly connected power socket.
- Always place and use the appliance on a dry, stable, level, and horizontal surface.
- Leave at least 20cm free space behind and on both sides of the appliance and leave at least 30cm free space above the appliance.
- Do not place anything on top of the appliance.
- Do not sit or stand on the appliance. The appliance is equipped with omni wheels. Sitting or standing on the appliance may lead to potential injury.
- Do not place the appliance directly below an air conditioner to prevent condensation from dripping onto the appliance.
- Make sure all filters are properly installed before you switch on the appliance.
- Only use the original Philips filters specially intended for this appliance. Do not use any other filters.
- Combustion of the filter may cause irreversible human hazard and/or jeopardize other lives. Do not use the filter as fuel or for similar purpose.
- Avoid knocking against the appliance (the air inlet and outlet in particular) with hard objects.
- Always lift or move the appliance by both handles at the sides of the appliance.
- Do not insert your fingers or objects into the air outlet or the air inlet to prevent physical injury or malfunctioning of the appliance.

- Do not use this appliance when you have used indoor smoke-type insect repellents or in places with oily residues, burning incense, or chemical fumes.
- Do not use the appliance near gas appliances, heating devices or fireplaces.
- Always unplug the appliance after use and before cleaning or carrying out other maintenance.
- Do not use the appliance in a room with major temperature changes, as this may cause condensation inside the appliance.
- To prevent interference, place the appliance at least 2m away from electrical appliances that use airborne radio waves such as TVs, radios, and radio-controlled clocks.
- The appliance is only intended for household use under normal operating conditions.
- Do not use the appliance in wet surroundings or in surroundings with high ambient temperatures, such as the bathroom, toilet, or kitchen.
- The appliance does not remove carbon monoxide (CO) or radon (Rn). It cannot be used as a safety device in case of accidents with combustion processes and hazardous chemicals.
- If you need to move the appliance, disconnect the appliance from the power supply first. The appliance is equipped with omni wheels and is easy to move.
- When moving the appliance, do it slowly and do not push it rapidly.
- Do not move the appliance by pulling its power cord.

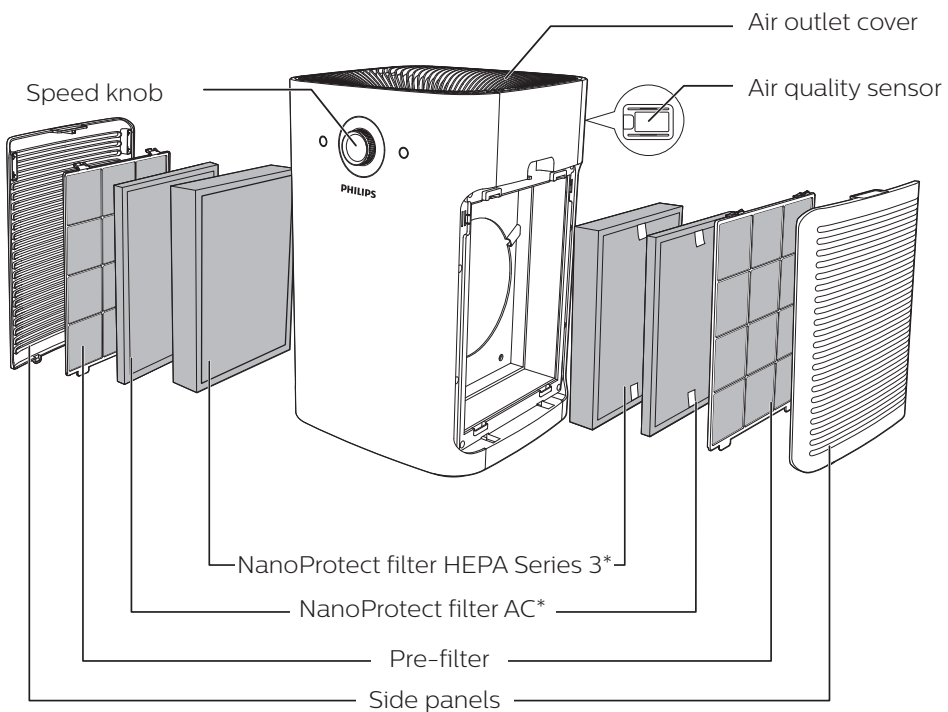
2 Your air purifier

Congratulations on your purchase, and welcome to Philips!

To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

This appliance works with an air filtration system. Read this user manual carefully before you use the appliance, and save it for future reference.

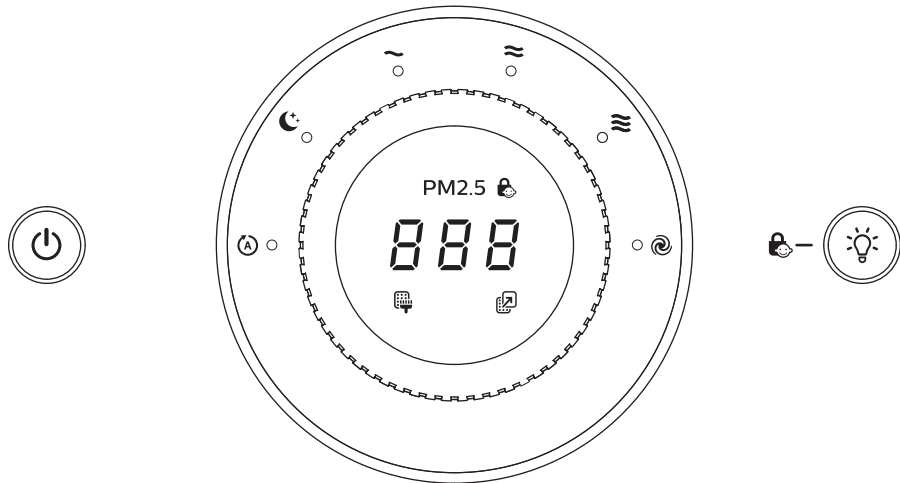
Product Overview



Type number	Filter
FY6172	NanoProtect filter HEPA Series 3
FY6171	NanoProtect filter AC

*Hereinafter referred to as "air purification filter".

Controls overview



Note

- PM 2.5 is defined as fine dust particles of a diameter of 2.5 micrometers or less.

⏻ : Power On/Off (filter reset) button	≡ : Speed 3
Ⓐ : Auto speed	⚡ : Turbo speed
☾ : Silent speed	🗑️ : Pre-filter cleaning alert
~ : Speed 1	📄 : Air purification filter replacement alert
≡ : Speed 2	💡 : Light On/Off (child lock) button

3 Getting started

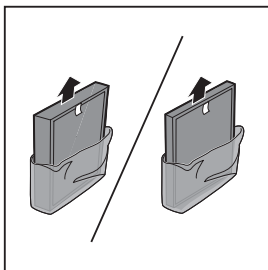
Installing filters

Remove all packaging of the filters before using the appliance. Unpack them and place them into the appliance described as follows:

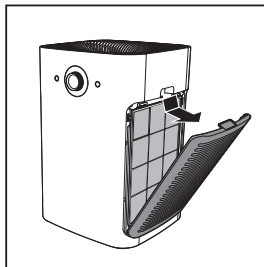
≡ Note

- There is one set of filters on each side of the appliance. Each side is equipped with one pre-filter and two air purification filters.
- Make sure that you place the air purification filters in the appliance first and then the pre-filter.
- Make sure that the side with the tag is pointing towards you.

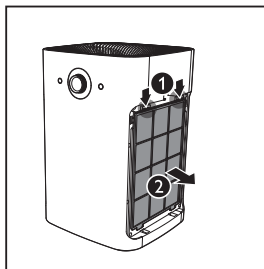
- 1 Remove all packaging materials of the air purification filters.



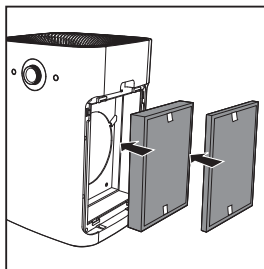
- 2 Pull the top part of the side panel to remove it from the appliance.



- 3 Press the two clips down and pull the pre-filter towards you.



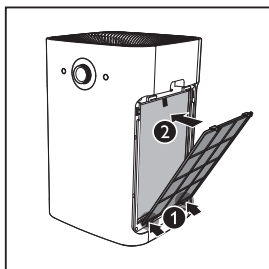
- 4 Put the unpacked air purification filters into the appliance.



≡ Note

- Put the NanoProtect filter HEPA Series 3 in the appliance first, and then the NanoProtect filter AC.

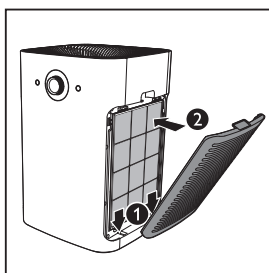
- Put the pre-filter back into the appliance.



Note

- Make sure that the side with the two clips is pointing towards you, and that all hooks of the pre-filter are properly attached to the purifier.

- To reattach the side panel, mount the panel onto the bottom of the appliance first (1). Then, gently push the panel against the body of the appliance (2).



- Repeat the above steps and assemble the air purification filters for the other side of the appliance.

4 Using the appliance

Understanding the air quality light


Color of the air quality light	Air quality level
Blue	Good
Blue-violet	Fair
Red-purple	Unhealthy
Red	Very unhealthy

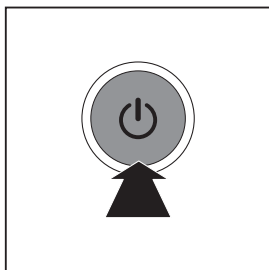
The air quality light automatically goes on when the appliance is switched on, and lights up all colors in sequence.


In a short time the air quality sensors select the color that corresponds to the ambient air quality.

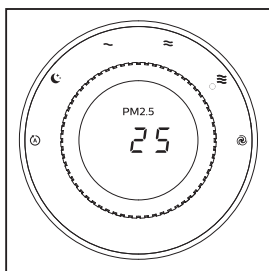
Switching on

- Put the plug of the appliance into the wall socket.
 - ↳ The appliance beeps.
 - ↳ All lights go on once and then go out again.

- 2 Press the power On/Off button  to switch on the appliance.



- ↳ The default fan speed is  (AUTO).
- ↳ After measuring the air quality for a short time, the air quality sensor automatically selects the color of the air quality light.
- ↳ The running strips "----" displays on the screen when the appliance is measuring the PM2.5 level. After a short time the actual PM2.5 level will display on the screen.



- 3 Press the power On/Off button  again to switch off the appliance.



Note

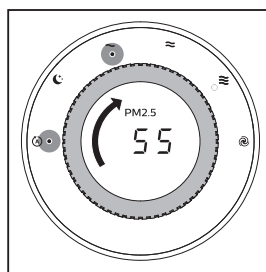
- If the air purifier accidentally shuts off during running, it restarts automatically and operates under previous settings when the power supply is resumed.

Changing the fan speed

(AUTO)


In auto mode, the appliance selects the fan speed in accordance with the ambient air quality.


- 1 Turn the speed knob to select the auto speed .
- ↳  and the current fan speed indicator lights up.



Manual

- 1 Turn the speed knob to select the fan speed you need:

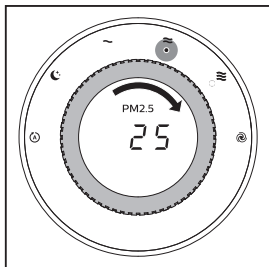
 (Silent speed)

 (Speed 1)

 (Speed 2)

 (Speed 3)

 (Turbo speed)



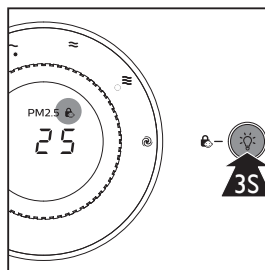
Tip

- If the air quality light lights up blue, it indicates that the air quality is good, and you can select a lower fan speed. On the other hand, if the air quality light lights up red-purple or red, it indicates that the air quality is unhealthy, and you can select a higher fan speed to purify the air more quickly.

Child lock

To keep children from using the appliance, or to avoid any misoperation, you can activate child lock.

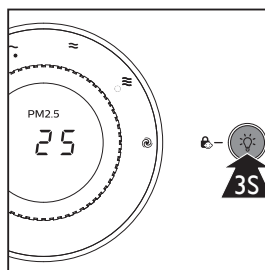
- 1 Press and hold the light On/Off button for 3 seconds.
 - ↳ The child lock indicator lights up on the screen to show that the child lock has been activated.



Note




- When the child lock is activated, the speed knob and all buttons will no longer respond to any operation.

- 2 To deactivate the child lock, press and hold the light On/Off button for 3 seconds again.
 - ↳ The child lock indicator goes off.



Using the light On/Off function

With the light On/Off button, you can switch on or off the air quality light and the display screen if needed.



- 1** Touch the light On/Off button  once, the air quality light and display screen will go out.
- 2** Touch the light On/Off button  again, the fan speed indicator will go out.
- 3** Touch the light On/Off button  for the third time, all lights and the display screen will go on again.

5 Cleaning

Note

- Always unplug the appliance before you clean it.
- Never immerse the appliance in water or any other liquid.
- Never use abrasive, aggressive, or flammable cleaning agents such as bleach or alcohol to clean any part of the appliance.
- Only the pre-filter is washable. The air purifier filters are not washable nor vacuum cleanable.

Cleaning schedule

Frequency	Cleaning method
When necessary	Wipe the surface of the appliance with a soft dry cloth
	Clean the air outlet cover
Every two months	Clean the air quality sensor with a dry cotton swab
When the filter cleaning indicator  lights up on the screen	Clean the pre-filter
When the filter replacement indicator  lights up on the screen	Replace the air purification filters

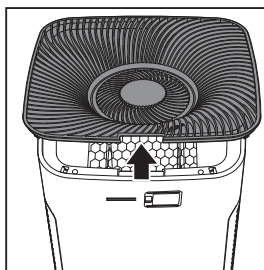
Cleaning the body of the appliance

Regularly clean the inside and outside of the appliance to prevent dusts from collecting.

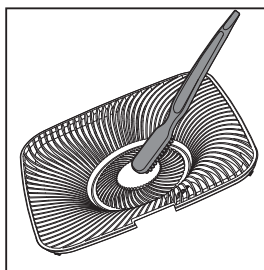
- 1 Wipe away dust with a soft dry cloth from the body of the appliance.

Cleaning the air outlet cover

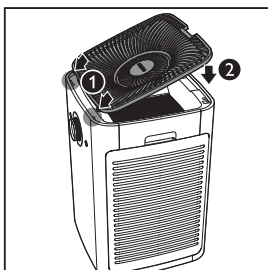
- 1 To unlock the air outlet cover, grab the handle on the cover and pull the cover up.



- 2 Clean the cover with a brush.



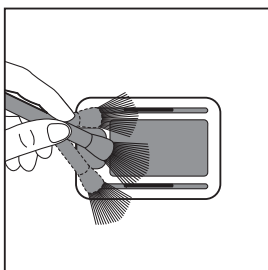
- 3** To reattach the cover, mount it onto the top of the appliance first, and then push the side with the handle towards the appliance.



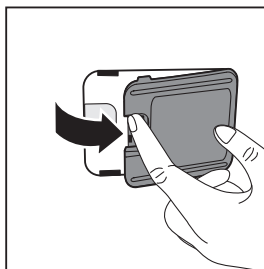
Cleaning the air quality sensor

Clean the air quality sensor every two months for optimal functioning of the appliance. Clean it more frequently if you use the appliance in a dusty environment.

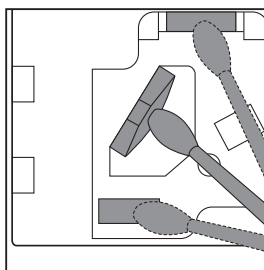
- 1** Clean the inlet and outlet of the air quality sensor with a soft brush.



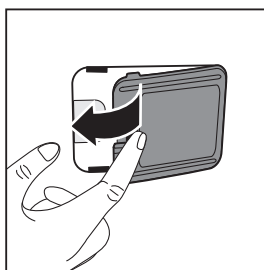
- 2** Open the cover of the air quality sensor.




- 3** Clean the sensor, the dust inlet and outlet with a lightly moistened cotton swab, and finish with a dry cotton swab.




- 4** Close the sensor cover.

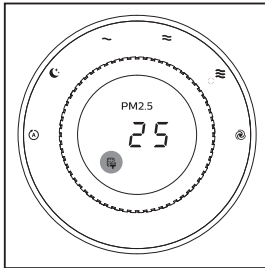


Cleaning the pre-filter

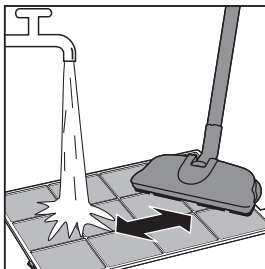
Filter alert light status	Follow this
 lights up on the screen	Clean the pre-filter

Note

- Filter light  lights up approximately once every two weeks.



- 1 Rinse the pre-filters under a running tap. If the pre-filters are very dirty, use a vacuum cleaner or soft brush to remove the dust before rinsing under the tap.



Note

- Make sure to rinse the pre-filters equipped in both sides of the appliance.

- 2 Air dry the pre-filters.


Note

- Make sure that the pre-filters are completely dry before you put them back in the appliance. If they are still wet, bacteria may multiply in them and shorten the lifetime of the pre-filters.


- 3 After the pre-filters are properly put back in the appliance, reset the filter lifetime counter. (Refer to chapter 7 "Resetting the filter lifetime counter".)

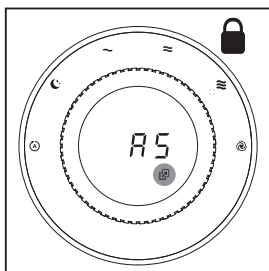
6 Replacing the air purification filters

Understanding the healthy air protect lock

This appliance is equipped with the healthy air protect lock to make sure that the filters are in optimal condition when the appliance is operating. When the filters are almost expired, the air purification filter replacement light () lights up on the screen to indicate that the filters have to be replaced.

If you do not replace the filters in time:




- ↳ The air purification filter replacement light () remains on.
- ↳ The appliance stops operating and gets locked.

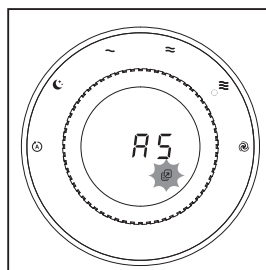


Replacing the air purification filter

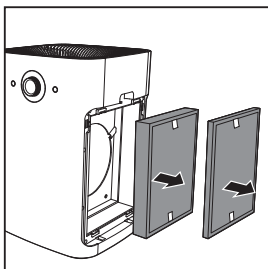
Note

- The air purification filters are not washable nor vacuum cleanable.
- The default air purification filters for this appliance are NanoProtect filter HEPA Series 3 (A5) and NanoProtect filter AC (C7). If you want to try and use other filters, refer to the separate leaflet included in the filter packaging on how to apply new filters to this appliance.

Filter alert light status	Follow this
 lights up, and A5 displays on the screen	Replace the NanoProtect filter HEPA Series 3
 lights up, and C7 displays on the screen	Replace the NanoProtect filter AC
 lights up, A5 and C7 display on the screen alternately	Replace the NanoProtect filter HEPA Series 3 and NanoProtect filter AC



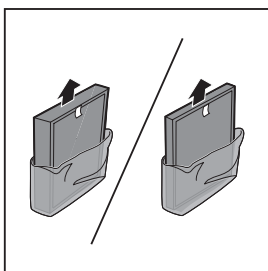
- 1 Take out the pre-filters on both sides of the appliance.
- 2 Take out the expired air purification filter according to the filter code on the screen, and gently put the expired filter into the trash bin.



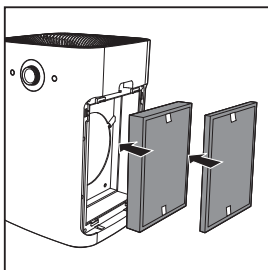
Note

- Do not touch the pleated filter surface, or smell the filter as it has collected pollutants from the air.

- 3 Remove all packaging material of the new filter.



- 4 Put the new filter into the appliance.




- 5 After the pre-filters are properly put back in the appliance, reset the filter lifetime counter. (Refer to chapter 7 "Resetting the filter lifetime counter".)

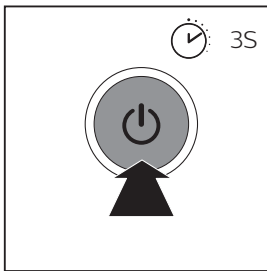
Note

- Cleanse your hands after changing filter.

7 Resetting the filter lifetime counter

After you have cleaned the pre-filter, or replaced the air purification filters, it is important that you also reset the filter lifetime counter afterwards. This allows the appliance to be in sync with the filter lifetime.


- 1 Press and hold the power On/Off button  for 3 seconds.
 - ↳ The filter light goes out, and the appliance resumes working automatically.



8 Troubleshooting

This chapter summarizes the most common problems you could encounter with the appliance. If you are unable to solve the problem with the information below, contact the Consumer Care Center in your country.

Problem	Possible solution
The appliance does not work even though it is plugged in.	<ul style="list-style-type: none">• The filter replacement light has been on continuously but you have not replaced the corresponding filter. As a result, the appliance gets locked. In this case, replace the filter and reset the filter lifetime counter.
The appliance accidentally powers off.	<ul style="list-style-type: none">• The appliance restarts automatically and goes to the previous mode when the power resumes.
The airflow that comes out of the air outlet is significantly weaker than before.	<ul style="list-style-type: none">• The pre-filter is dirty. Clean the pre-filter (see the chapter "Cleaning").
The air quality does not improve, even though the appliance has been operating for a long time.	<ul style="list-style-type: none">• One of the filters has not been placed in the appliance. Make sure that all filters are properly installed in the following order, starting with the innermost filter: 1) NanoProtect filter HEPA Series 3; 2) NanoProtect filter AC; 3) pre-filter.• The air quality sensor is wet. The humidity level in your room is high and causes condensation. Make sure that the air quality sensor is clean and dry (see the chapter "Cleaning").
The color of the air quality light always stays the same.	<ul style="list-style-type: none">• The air quality sensor is dirty. Clean the air quality sensor (see the chapter "Cleaning").

Problem	Possible solution
The appliance produces a strange smell.	<ul style="list-style-type: none"> • The first few times you use the appliance, it may produce a plastic smell. This is normal. However, if the appliance produces a burnt smell even if removing filters, contact your Philips dealer or an authorized Philips service center. The appliance may also produce an unpleasant smell when one of the filters is dirty. In this case, clean or replace the filter concerned.
The appliance is extra loud.	<ul style="list-style-type: none"> • If the appliance is too loud, you can change the fan speed to a lower fan speed level. When using the appliance in a bedroom at night, choose the silent speed.
The appliance still indicates that I need to replace a filter, but I already did.	<ul style="list-style-type: none"> • Perhaps you did not reset the filter lifetime counter. Switch on the appliance. Then press and hold the power On/Off button  for 3 seconds.
The appliance stops working, and the air quality light blinks blue.	<ul style="list-style-type: none"> • The sensor has malfunctions. Contact your Philips dealer or an authorized Philips service center.
The appliance stops working, the fan speed indicators 1 and 2, or 2 and 3 blink.	<ul style="list-style-type: none"> • The motor has malfunctions. Contact your Philips dealer or an authorized Philips service center.

9 Guarantee and service

If you need information or if you have a problem, please visit the Philips website at www.philips.com or contact the Philips Consumer Care Center in your country (you can find its phone number in the worldwide guarantee leaflet). If there is no Consumer Care Center in your country, go to your local Philips dealer.

Order parts or accessories

If you have to replace a part or want to purchase an additional part, go to your Philips dealer or visit www.philips.com/support.

If you have problems obtaining the parts, please contact the Philips Consumer Care Center in your country (you can find its phone number in the worldwide guarantee leaflet).

10 Notices

Electromagnetic fields (EMF)

This Philips appliance complies with all applicable standards and regulations regarding exposure to electromagnetic fields.

Compliance with EMF

Koninklijke Philips N.V. manufactures and sells many products targeted at consumers, which, like any electronic apparatus, in general have the ability to emit and receive electromagnetic signals.

One of Philips' leading Business Principles is to take all necessary health and safety measures for our products, to comply with all applicable legal requirements and to stay well within the EMF standards applicable at the time of producing the products.

Philips is committed to develop, produce and market products that cause no adverse health effects. Philips confirms that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.

Philips plays an active role in the development of international EMF and safety standards, enabling Philips to anticipate further developments in standardization for early integration in its products.

Recycling

Do not throw away the product with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment.

Follow your country's rules for the separate collection of electrical and electronic products. Correct disposal helps prevent negative consequences for the environment and human health.



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